

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|---------------------|
| S1 | 1 | 10/583048 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 08:36 |
| S2 | 0 | ca?3mg?3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 08:36 |
| S3 | 0 | ca?6mg?6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 08:37 |
| S4 | 5609 | ca\$6mg\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 08:37 |
| S5 | 84 | ca\$6mg\$6 same sand | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 08:37 |
| S6 | 1 | ca\$6mg\$6 same flow\$3 near2 agent | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 08:38 |
| S7 | 1 | ca\$6mg\$6 same (powder \$3) and flow\$3 near2 agent | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 08:38 |
| S8 | 60 | ca\$6mg\$6 and flow\$3 near2 agent | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 08:38 |
| S9 | 1 | ca\$6mg\$6 with perlite | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 08:39 |

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| S10 | 232 | ca\$6mg\$6 with lime | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 08:39 |
| S11 | 54 | ca\$6mg\$6 with lime and sand | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 08:39 |
| S12 | 1 | ca\$6mg\$6 with lime with slake\$3 and sand | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 08:40 |
| S13 | 16 | ca\$6mg\$6 with lime with slake\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 08:41 |
| S14 | 1617 | powder\$3 with lime with slake\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 08:42 |
| S15 | 176 | powder\$3 with lime with slake\$3 with(size or diameter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 08:42 |
| S16 | 410 | powder\$3 with lime with slak\$3 same (sand or perlite or diatomaceous or silica) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 08:45 |
| S17 | 495 | powder\$3 with lime with (slak\$3 or hydrated) same (sand or perlite or diatomaceous or silica) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 08:45 |
| S18 | 208 | powder\$3 with lime with (slak\$3 or hydrated) same (sand or perlite or diatomaceous or silica) and (diameter or size) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 08:58 |
| S19 | 5 | calco-magnesian | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 08:59 |

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| S20 | 2 | "5422092".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:04 |
| S21 | 2 | "6592834".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:07 |
| S22 | 2 | "5277837".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:08 |
| S23 | 0 | ("2006/0275203").URPN. | USPAT | OR | ON | 2008/11/13 09:11 |
| S24 | 68 | gambin.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:13 |
| S25 | 2 | gambin.in. and sand and lime | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:13 |
| S26 | 5 | gambin.in. and lime | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:13 |
| S27 | 5 | gambin.in. and sand | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:15 |
| S28 | 4 | laudet.in. and sand | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:15 |
| S29 | 6 | S24 and (sand or perlite or diatomaceous or silica) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:16 |
| S30 | 9 | laudet.in. and (sand or perlite or diatomaceous or silica) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:17 |

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| S31 | 0 | francolsse.in. and (sand or perlite or diatomaceous or silica) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:18 |
| S32 | 0 | francolsse.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:18 |
| S33 | 650 | flow adj agent with (sand or perlite or diatomaceous or silica) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:19 |
| S34 | 36 | flow adj agent with (sand or perlite or diatomaceous or silica) and lime | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:19 |
| S35 | 1 | calco\$1magnesian same flow adj agent with (sand or perlite or diatomaceous or silica) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:30 |
| S36 | 1 | calco\$1magnesian and flow adj agent with (sand or perlite or diatomaceous or silica) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:30 |
| S37 | 2 | calco\$1magnesian and (sand or perlite or diatomaceous or silica) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:30 |
| S38 | 1 | calco\$1magnesian and flow adj agent | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:31 |
| S39 | 22945 | (calcium and magnesium) with hydroxide and (sand or perlite or diatomaceous or silica) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:32 |
| S40 | 8417 | (calcium and magnesium) with hydroxide same (sand or perlite or diatomaceous or silica) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:32 |

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| S41 | 8273 | (calcium with magnesium) with hydroxide same (sand or perlite or diatomaceous or silica) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:32 |
| S42 | 932279 | (calcium with magnesium) with hydroxide same flow adj agent (sand or perlite or diatomaceous or silica) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:32 |
| S43 | 0 | (calcium with magnesium) with hydroxide same flow adj agent same (sand or perlite or diatomaceous or silica) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:32 |
| S44 | 21 | (calcium with magnesium) with hydroxide and flow adj agent same (sand or perlite or diatomaceous or silica) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:32 |
| S45 | 14049 | ca\$3ma\$4o\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:37 |
| S46 | 162 | ca\$3mg\$4o\$4 same (sand or perlite or diatomaceous or silica) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:37 |
| S47 | 0 | lime with powder\$3 same flow\$3 with(agent or additive) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:44 |
| S48 | 94 | lime with powder\$3 same flow\$3 with(agent or additive) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:44 |
| S49 | 31 | flow adj (agent or additive) with (silica or perlite) with (size or diameter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:49 |
| S50 | 137 | flow adj (agent or additive) with (silica or perlite) and (silica or perlite) with (size or diameter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:54 |

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| S51 | 20 | flow adj (agent or additive) with (silica or perlite) with powder and (silica or perlite) with (size or diameter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 09:57 |
| S52 | 31 | flow adj (agent or additive) with (size or diameter) with (better benefit\$3 increase increased decrease decreased improv\$5 enhance\$3 prefer\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 10:02 |
| S53 | 9 | flow adj (agent or additive) with vermiculite | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 10:04 |
| S54 | 1832 | silica with (size or diameter) with flow\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 10:12 |
| S55 | 197 | silica with (size or diameter) with flowability | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 10:12 |
| S56 | 0 | silica with (size or diameter) with flowability with mineral | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 10:16 |
| S57 | 0 | silica with (size or diameter) with flowability with lime | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 10:16 |
| S58 | 197 | silica with (size or diameter) with flowability | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 10:16 |
| S59 | 67 | silica with (size or diameter) with flowability same powder\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 10:16 |
| S60 | 2758 | (flowability or flow adj (agent or additive)) with (sand or perlite or diatomaceous or silica) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 10:23 |

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| S61 | 1 | (flowability or flow adj (agent or additive)) with (sand and perlite and diatomaceous and silica) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 10:23 |
| S62 | 341 | (flowability or flow adj (agent or additive)) with (sand) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 10:24 |
| S63 | 16 | (flowability or flow adj (agent or additive)) with (sand) with size | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/13 10:24 |
| S64 | 126 | slak\$3 with lime same sand and sand same (size or diameter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/18 18:00 |
| S65 | 81 | slak\$3 with lime same sand and sand with (size or diameter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/01/18 18:00 |
| S66 | 611 | slaked adj lime same sand | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/06 14:41 |
| S67 | 468 | slaked adj lime with sand | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/06 14:41 |
| S68 | 87 | slaked adj lime with sand with (amount or weight or content or percent\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/06 14:42 |
| S69 | 1348723 | slaked adj limewith powder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/06 14:43 |
| S70 | 378881 | S69 and flow\$3 adent | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/06 14:43 |

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| S71 | 3145 | S69 and flow\$3 adj agent | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/06 14:43 |
| S72 | 84 | S69 and flow\$3 adj agent same (sand or perlite or vermiculite or attapulgite) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/06 14:44 |
| S73 | 1301 | slaked adj lime with powder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/06 14:44 |
| S74 | 0 | S73 and flow\$3 adj agent same (sand or perlite or vermiculite or attapulgite) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/06 14:45 |
| S75 | 0 | S73 and flow\$3 adj agent same (sand or perlite or vermiculite or attapulgite) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/06 14:45 |
| S76 | 261 | S73 and (sand or perlite or vermiculite or attapulgite) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/06 14:46 |
| S77 | 200 | S73 same (sand or perlite or vermiculite or attapulgite) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/06 14:46 |
| S78 | 35 | S77 and (size or diameter) with (sand or perlite or vermiculite or attapulgite) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/06 14:46 |
| S79 | 195 | kunio and lime | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/06 14:48 |
| S80 | 40 | kunio and slaked adj lime | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/06 14:48 |

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| S81 | 2197 | C01F011/02.ipc. B01J008/24.ipc. F26B003/08.ipc. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/06 14:53 |
| S82 | 8 | S81 and lime same sand | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/06 14:54 |
| S83 | 59 | 423/243.05.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/06 14:55 |
| S84 | 606 | (lime or cao) same sand with (size or diameter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/02 11:10 |
| S85 | 13 | flow\$2 adj agent same sand with (size or diameter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/02 11:20 |
| S86 | 620 | slaked adj lime same sand | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/05 10:10 |
| S87 | 157 | slaked adj lime same sand same powder\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/05 10:11 |
| S88 | 26 | slaked adj lime same sand same powder\$3 and sand with(size or diameter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/05 10:11 |
| S89 | 4 | (slaked adj lime or limestone or lime) same attapulgate same powder\$3 and attapulgate with(size or diameter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/05 10:23 |
| S90 | 0 | (slaked adj lime or limestone or lime) and attapulgate same fluid adj agent and attapulgate with (size or diameter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/05 10:27 |

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| S91 | 0 | attapulgit same fluid adj agent and attapulgit with (size or diameter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/05 10:27 |
| S92 | 5 | attapulgit same fluid adj agent | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/05 10:27 |
| S93 | 6 | attapulgit same fluid adj agent | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/05 10:28 |
| S94 | 142 | attapulgit same calcium adj hydroxide | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/05 10:28 |
| S95 | 21 | attapulgit same calcium adj hydroxide same powder | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/05 10:29 |
| S96 | 85 | (slaked adj lime or limestone or lime) same vermiculite and vermiculite with(size or diameter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/05 10:34 |
| S97 | 789253 | lime sm perlite and perlite with(diameter or size) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/05 10:45 |
| S98 | 99 | lime same perlite and perlite with(diameter or size) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/05 10:46 |
| S99 | 0 | attapulgit same slaked and attapulgit with (size or diameter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/08 22:51 |
| S100 | 17 | attapulgit same slaked | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/08 22:51 |

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| S101 | 2129 | attapulgit same calcium adj carbonate | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/08 22:52 |
| S102 | 38 | attapulgit same calcium adj carbonate and attapulgit with (size or diameter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/08 22:52 |
| S103 | 4 | calcic same (sand or silica or sio2 or "sio.sub.2" or vermiculite or perlite or diatomaceous) with (size or diameter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 16:52 |
| S104 | 48280 | (cao or ca(oh)"2" or calcium adj (oxide or hydroxide) or ca(oh)". sub.2") same (sand or silica or sio2 or "sio.sub.2" or vermiculite or perlite or diatomaceous) with (size or diameter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 16:55 |
| S105 | 3241 | (cao or calcium adj (oxide or hydroxide)) same (sand or silica or sio2 or "sio.sub.2" or vermiculite or perlite or diatomaceous) with (size or diameter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 16:55 |
| S106 | 889 | (cao or calcium adj (oxide or hydroxide)) same (sand or silica or sio2 or "sio.sub.2" or vermiculite or perlite or diatomaceous) with (size or diameter) same powder \$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 16:56 |
| S107 | 35 | (cao or calcium adj (oxide or hydroxide)) same (vermiculite or perlite or diatomaceous) with (size or diameter) same powder \$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 16:57 |
| S108 | 288 | (cao or calcium adj (carbonate or hydroxide)) same (vermiculite or perlite or diatomaceous) with (size or diameter) same powder\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 16:58 |

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| S109 | 300 | (caco3 or calcium adj (carbonate or hydroxide)) same (vermiculite or perlite or diatomaceous) with (size or diameter) same powder\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 16:59 |
| S110 | 1 | "5173279" and perlite | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 17:21 |
| S111 | 195 | (calcium adj (carbonate or hydroxide)) and (perlite or vermiculite or diatomaceous) with (size or diameter) with(contnet or amount or weight) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 17:23 |
| S112 | 203 | (calcium adj (carbonate or hydroxide)) and (perlite or vermiculite or diatomaceous) with (size or diameter) with(content or amount or weight) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 17:23 |
| S113 | 56 | (calcium adj (carbonate or hydroxide)) and (perlite) with (size or diameter) with(content or amount or weight) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 17:46 |
| S114 | 151 | (calcium adj (carbonate or hydroxide)) and (attapulgitte or clay) with (size or diameter) with (content or amount or weight) and (attapulgitte or clay with attapulgitte) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 17:59 |
| S115 | 0 | powder43 same (calcium adj (carbonate or hydroxide)) and (attapulgitte or clay) with (size or diameter) with (content or amount or weight) and (attapulgitte or clay with attapulgitte) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 17:59 |
| S116 | 58 | powder\$3 same (calcium adj (carbonate or hydroxide)) and (attapulgitte or clay) with (size or diameter) with (content or amount or weight) and (attapulgitte or clay with attapulgitte) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 17:59 |

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| S117 | 36 | powder\$3 same (calcium adj (carbonate or hydroxide)) and (attapulgit) with (size or diameter) with(content or amount or weight) and (attapulgit) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 18:00 |
| S118 | 21 | powder\$3 same (calcium adj (carbonate or hydroxide)) and (clay) with (size or diameter) with(content or amount or weight) and clay same (attapulgit) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 18:14 |
| S119 | 31 | powder\$3 same (calcium adj (carbonate or hydroxide) or caco3 or ca (oh).sub.2") and (clay) with (size or diameter) with(content or amount or weight) and clay same (attapulgit) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 18:26 |
| S120 | 10 | S119 not S118 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 18:26 |
| S121 | 22 | powder\$3 same (calcium adj (carbonate or hydroxide) or caco3 or "ca (oh).sub.2") and (clay) with (size or diameter) with(content or amount or weight) and clay same (attapulgit) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 18:30 |
| S122 | 35 | powder\$3 same (calcium adj (carbonate or hydroxide) or caco3 or "ca (oh).sub.2") and (clay) with (size or diameter) with(content or amount or weight) and clay same (attapulgit) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 18:30 |
| S123 | 121 | (calcium adj (carbonate or hydroxide) or caco3 or "ca(oh).sub.2") and (clay) with (size or diameter) with(content or amount or weight) and clay same (attapulgit) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 18:38 |

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| S124 | 76 | (calcite or limestone) and (clay) with (size or diameter) with(content or amount or weight) and clay same (attapulgite) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 19:11 |
| S125 | 123 | (calcium adj (carbonate) or caco3) and diatomaceous with (size or diameter) with(content or amount or weight) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 20:45 |
| S126 | 0 | limestone and diatomaceous with (size or diameter) with(content or amount or weight) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 20:47 |
| S127 | 22 | limestone and diatomaceous with (size or diameter) with(content or amount or weight) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 20:47 |
| S128 | 5 | calcite and diatomaceous with (size or diameter) with(content or amount or weight) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 20:54 |
| S129 | 8 | slaked adj lime and diatomaceous with (size or diameter) with(content or amount or weight) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 20:55 |
| S130 | 466 | diatomaceous with (size or diameter) with(content or amount or weight) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 20:59 |
| S131 | 2397 | diatomaceous with (size or diameter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 20:59 |
| S132 | 5 | diatomaceous with (size or diameter) and (lime adj stone) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 21:00 |
| S133 | 87 | diatomaceous with (size or diameter) and (limestone) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 21:00 |

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| S134 | 4 | celite with (size or diameter) and (limestone) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 21:08 |
| S135 | 299 | celite with (size or diameter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 21:09 |
| S136 | 42 | celite with (size or diameter) and calcium adj carbonate | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/09 21:09 |
| S137 | 2 | "52018728" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/10 10:19 |
| S138 | 2 | "55090555" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/10 10:28 |
| S139 | 2 | "4781759".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/10 10:34 |
| S140 | 25 | absorbent same (sand and perlite and vermiculite and attapulgate) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/10 10:40 |
| S141 | 62 | clay with (diatomaceous adj earth and perlite and vermiculite and attapulgate) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/10 10:41 |
| S142 | 24 | absorbent with (diatomaceous adj earth and perlite and vermiculite and attapulgate) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/10 10:42 |
| S143 | 3 | "4051056".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/10 10:57 |

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| S144 | 16 | expanded adj vermiculite with absorbent | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/10 11:10 |
| S145 | 1 | vermiculite with(size or diameter) and lime adj stone | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/10 12:01 |
| S146 | 54 | vermiculite with(size or diameter) and limestone | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/10 12:03 |
| S147 | 2 | "4781759".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/10 12:11 |
| S148 | 7 | ("2597457" "3921581" "4108669" "4243415" "4430242").PN. OR ("4781759").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/10 12:11 |
| S149 | 0 | S148 and perlite | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/10 12:13 |
| S150 | 1 | S148 and vermiculite | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/10 12:14 |
| S151 | 17 | vermiculite with(size or diameter) and calcite | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/10 12:19 |
| S152 | 263 | filler with(size or diameter) and limestone and vermiculite | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/10 12:20 |
| S153 | 205 | filler with(size or diameter) and limestone same vermiculite | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/10 12:21 |
| S154 | 166 | filler with(size or diameter) and limestone same vermiculite same filler | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/10 12:21 |
| S155 | 1438 | vermiculite with(size or diameter) anddolomite | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/10 12:26 |

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| S156 | 44 | vermiculite with(size or diameter) and dolomite | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/10 12:26 |
| S157 | 0 | "4781759.pn.e" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/10 13:02 |
| S158 | 0 | "4781759.pn." | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/10 13:02 |
| S159 | 2 | "4781759".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/13 15:44 |
| S160 | 7 | ("2597457" "3921581" "4108669" "4243415" "4430242").PN. OR ("4781759").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/13 15:46 |
| S161 | 391 | limestone with (size or diameter) and sand with (size or diameter) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/13 15:48 |
| S162 | 271 | limestone with (size or diameter) same sand with (size or diameter) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/13 15:48 |
| S163 | 1 | 09/051082 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/13 15:54 |
| S164 | 14 | ("2784062" "2894820" "3366450" "4042352" "4623523" "4666690" "5223239" "5306475" "5310498" "5330572" "5492685").PN. OR ("6322769").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/13 15:56 |
| S165 | 1 | 10/583048 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/13 16:19 |
| S166 | 1 | 10/583048 and attapulgit | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/13 16:19 |
| S167 | 3 | "4051056".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/16 10:33 |
| S168 | 4272 | calcium adj hydroxide same silica | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/05/06 16:05 |

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| S169 | 885 | calcium adj hydroxide same silica and silica with (size or diameter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/05/06 16:06 |
| S170 | 601 | calcium adj hydroxide same silica and silica with (size or diameter) and powder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/05/06 16:06 |
| S171 | 181 | powder same calcium adj hydroxide same silica and silica with (size or diameter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/05/06 16:06 |
| S172 | 28 | calcium adj hydroxide same silica and silica with (size or diameter) and powder\$3.ti. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/05/06 16:27 |
| S173 | 170 | calcium adj hydroxide with (size or diameter) and silica with (size or diameter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/05/06 20:51 |
| S174 | 191 | calcium adj hydroxide with (size or diameter) and silica with (size or diameter) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/05/06 20:51 |
| S175 | 2 | us-20030039836-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/05/06 21:09 |
| S176 | 3 | "4051056".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/05/06 21:10 |
| S177 | 7 | calcium adj hydroxide with (size or diameter) and perlite with (size or diameter) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/05/06 21:19 |
| S178 | 5 | calcium adj hydroxide with (size or diameter) and vermiculite with (size or diameter) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/05/06 21:24 |

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| S179 | 626 | slaked with lime with (diameter or size) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/05/16 09:28 |
| S180 | 626 | slaked with lime with (diameter or size) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/05/16 09:28 |
| S181 | 815971 | slaked with lime with (diameter or size) and "9" silica or sane0 with (size or diameter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/05/16 10:15 |
| S182 | 106 | slaked with lime with (diameter or size) and (silica or sand) with (size or diameter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/05/16 10:15 |
| S183 | 93 | slaked with lime with (diameter or size) and (vermiculite perlite or earth or sand) with (size or diameter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/05/16 10:20 |
| S184 | 16 | slaked with lime with (diameter or size) and (vermiculite perlite or earth or sand) with (size or diameter) | USOCR | OR | ON | 2011/05/16 12:08 |
| S185 | 2 | slaked with quicklime with (diameter or size) and (vermiculite perlite or earth or sand) with (size or diameter) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/05/16 12:09 |
| S186 | 442 | slaked with lime same (diameter or size) and (vermiculite perlite or earth or sand) same (size or diameter) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/05/16 12:10 |
| S187 | 2 | "6672798".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/05/22 17:07 |
| S188 | 2 | "6572798".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/05/22 17:07 |

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| S189 | 2 | "6572698".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/05/22 17:08 |
| S190 | 2 | "6572698".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/05/23 08:09 |

5/ 23/ 2011 9:53:02 AM**C:\ Documents and Settings\ sabu\ My Documents\ EAST\ Workspaces\ f10583048.wsp**